Title (en)

PROCESS MINING PATIENT WORKFLOWS FROM REAL-TIME LOCATION SYSTEM (RTLS) DATA

Title (de)

PROZESS-MINING VON PATIENTENARBEITSABLÄUFEN AUS ECHTZEIT-ORTUNGSSYSTEM (RTLS)-DATEN

Title (fr)

PROCESSUS D'EXPLORATION DES FLUX DE TRAVAIL DES PATIENTS À PARTIR DES DONNÉES DU SYSTÈME DE LOCALISATION EN TEMPS RÉEL (RTLS)

Publication

EP 4260576 A1 20231018 (EN)

Application

EP 21824568 A 20211206

Priority

- US 202063122966 P 20201209
- EP 2021084298 W 20211206

Abstract (en)

[origin: WO2022122604A1] A system (10) for optimizing quality control of tracking data includes a real-time locating service (RTLS) (12) configured to perform tracking of persons or items in a building that are tagged with associated infrared (IR) or radio frequency (RF) tags (14) to generate candidate traces (40). At least one electronic processor (20) is programmed to: score the candidate traces including, for each candidate trace being scored, determine whether one or more location reports is missing from the candidate trace; and reduce the fitness score of the candidate trace based on a number of missing reports; detect deviations between the candidate traces and the intended workflow; and store the deviations in a database (23, 26).

IPC 8 full level

H04W 4/029 (2018.01); **H04L 67/12** (2022.01)

CPC (source: EP US)

G16H 40/20 (2018.01 - US); **G16H 40/67** (2018.01 - US); **H04L 67/12** (2013.01 - EP); **H04W 4/029** (2018.02 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 2021084298 W 20211206; CN 202180083061 A 20211206; EP 21824568 A 20211206; JP 2023534952 A 20211206; US 202118039738 A 20211206